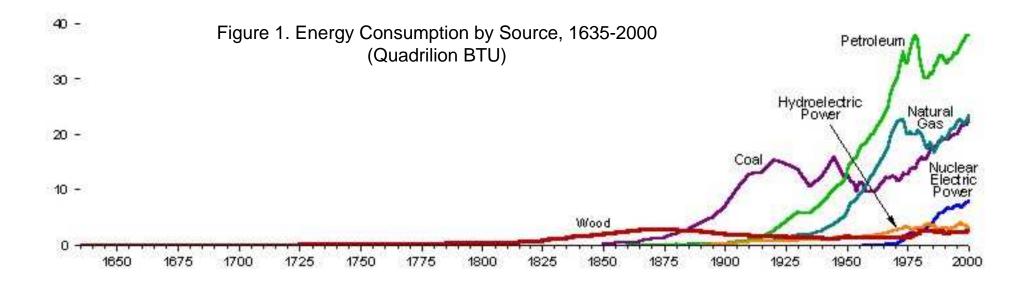
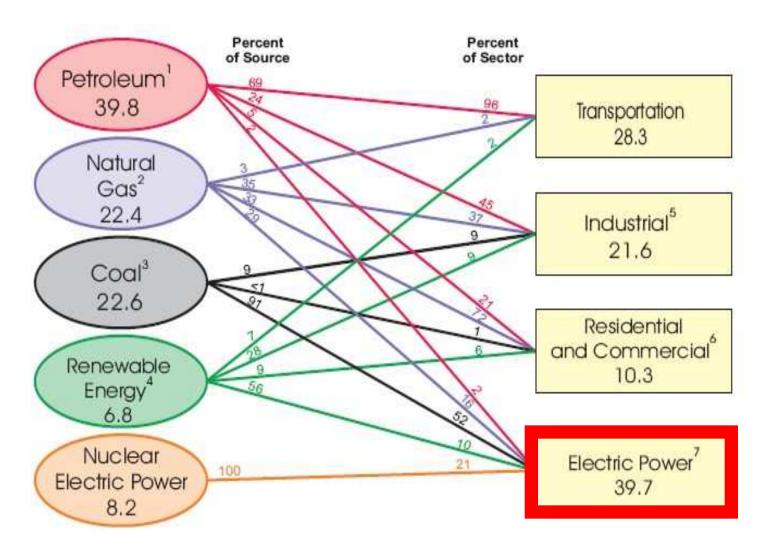


Temporal Change in Energy Consumption Patterns



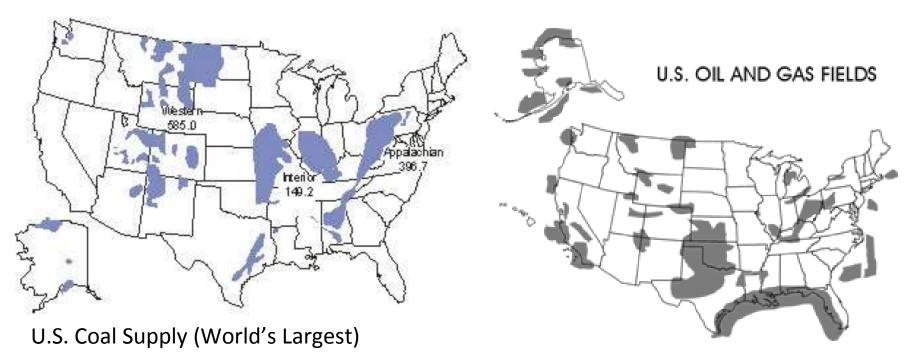
http://www.eia.doe.gov/emeu/aer/eh/frame.html



Source: Energy Information Administration, Annual Energy Review 2006, Tables 1.3 and 2.1b-2.1f, and 10.3.

¹-http://www.eia.doe.gov/kids/infocardnew.html#TOTAL%20ENERGY%20and%20EFFICIENCY%20OF%20USE

Locally Distributed & Finite Resources



http://www.eia.doe.gov/kids/energyfacts/sources/non-renewable/coal.html#Environment

http://www.eia.doe.gov/kids/energyfacts/sources/non-renewable/offshore.html

- Coal transport cost can exceed harvest cost (subsidized)
- Coal 200 to 250 year supply; declining Appalachian production (Reuters 2007)
- 300,000 miles of Natural Gas Pipelines in U.S.
- U.S. consumed 23% of global natural gas in 2004; import > export by 2015

"The best-laid plans of mice and men oft go awry" – Robert Burns, 1785

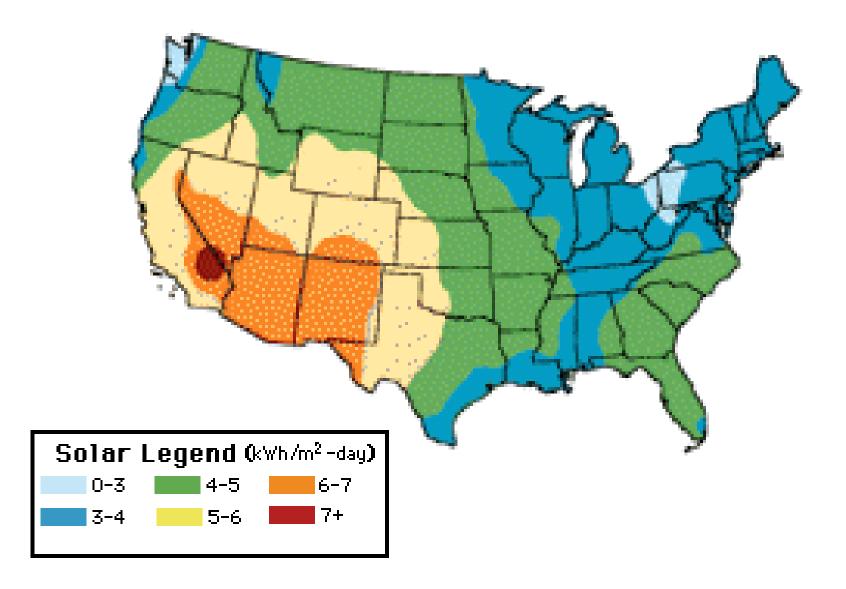


http://observe.arc.nasa.gov/nasa/space/prospector/lunar5.html

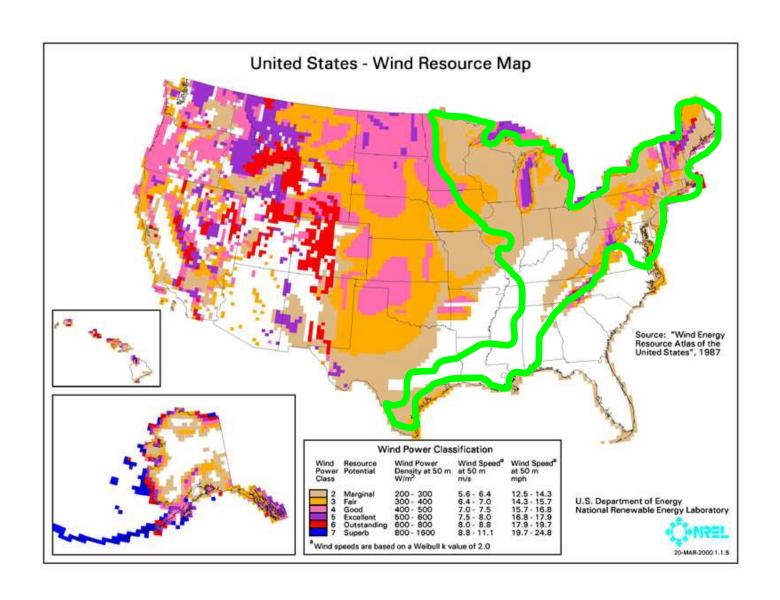


nvtech.com

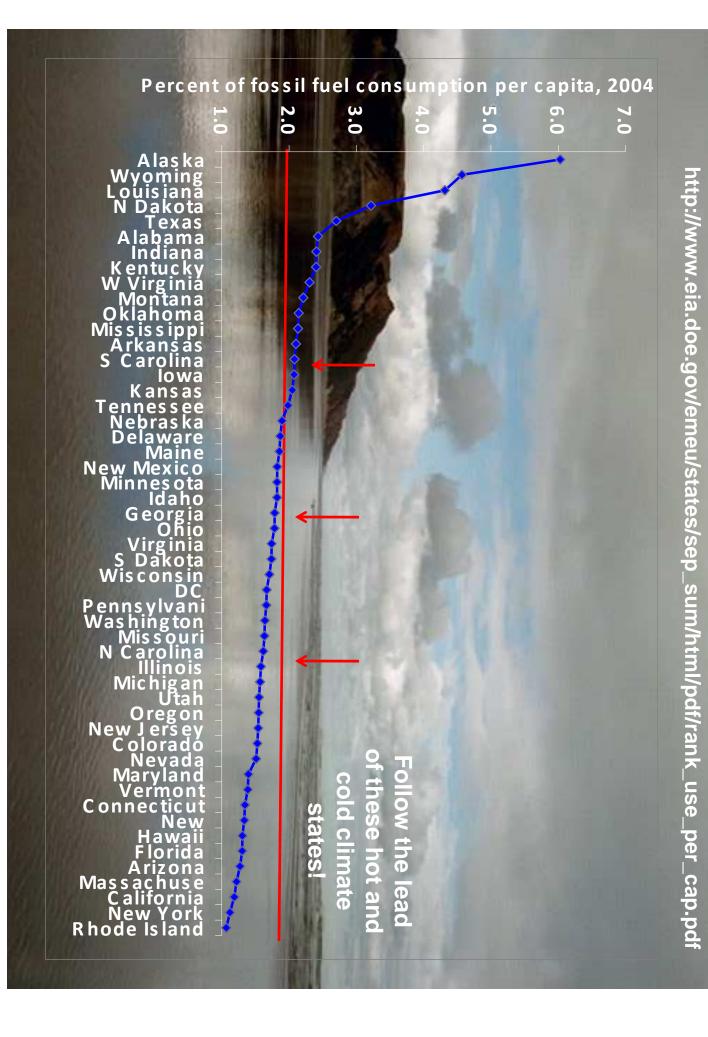


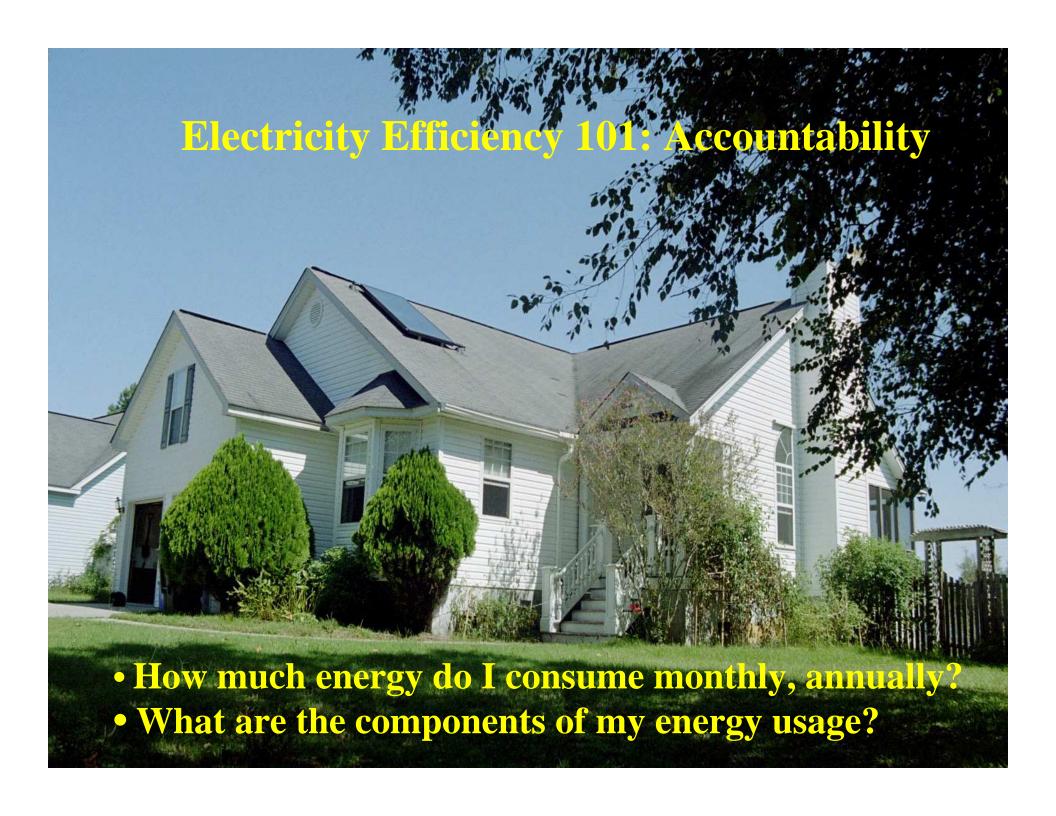


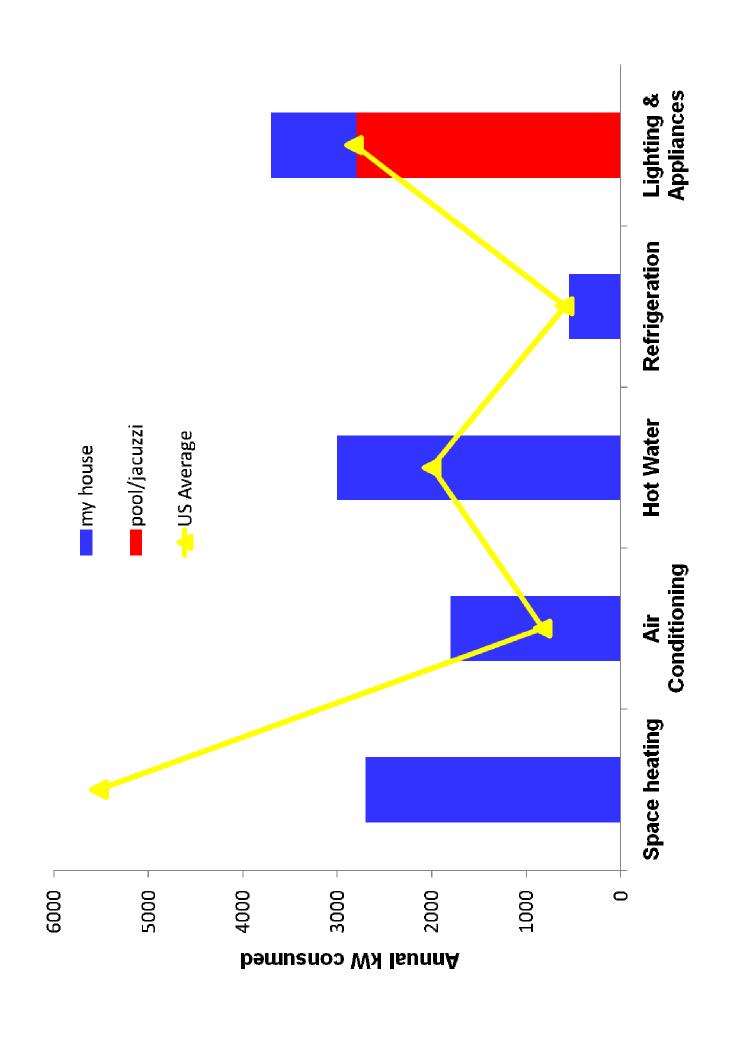
http://www.ecomall.com/biz/solarcat.htm



http://www.arkansasrenewableenergy.org/wind/wind.html#us_map

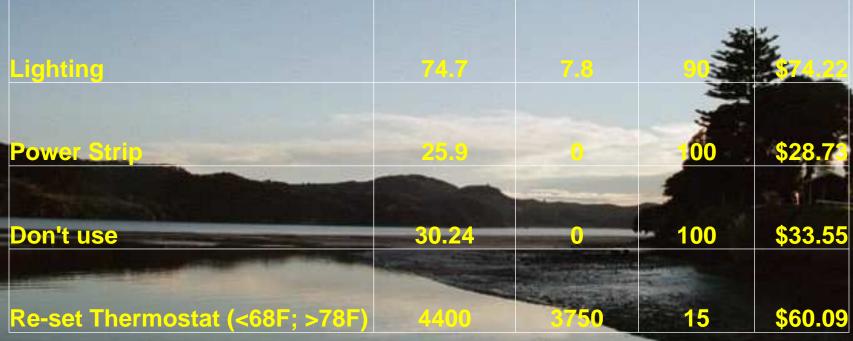






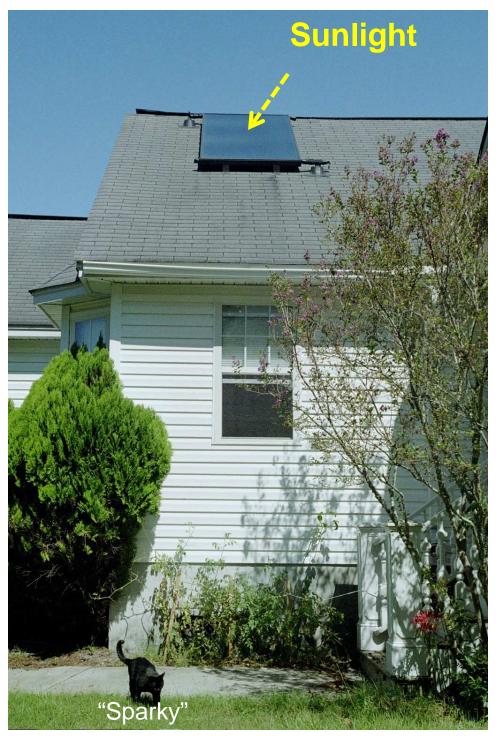
Simple Savings: "No Cost, Low Cost"



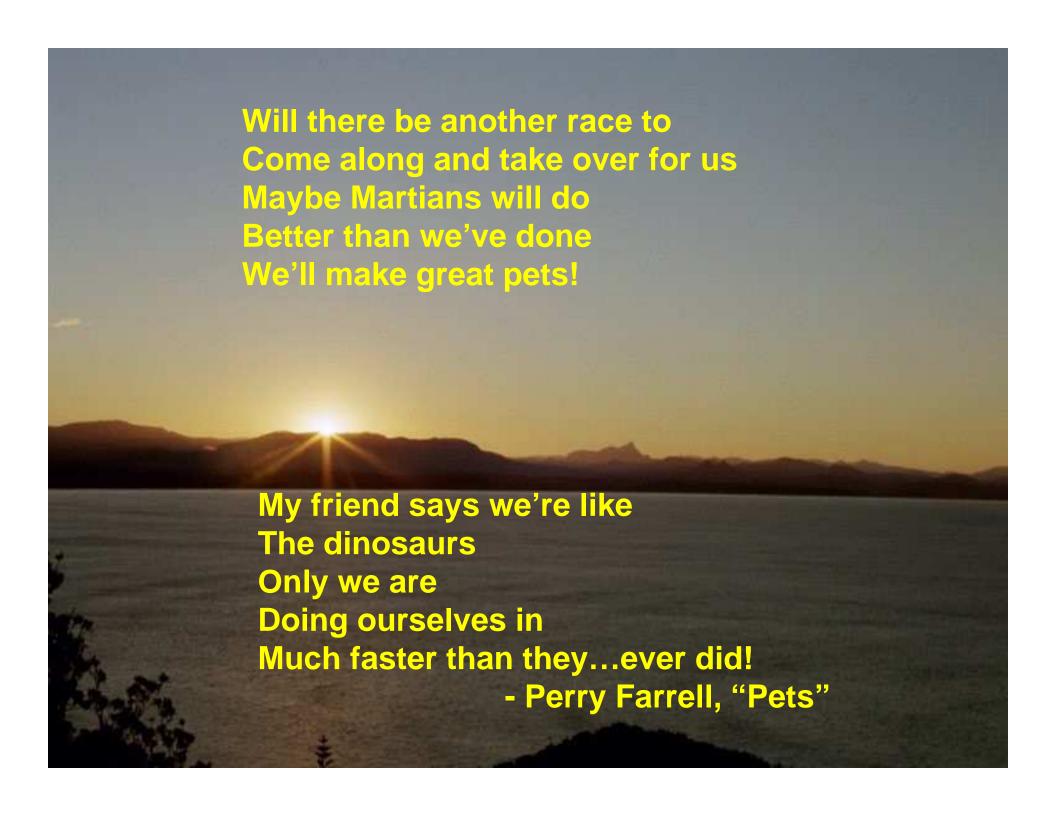


Total Savings

\$196.59







Electricity Generation Capacity, 2005

http://www.eia.doe.gov/cneaf/electricity/epa/epat2p2.html

Energy source	N generators	Capacity (MW)	MW/generator	% Generation
Coal[1]	1,522	335,892	221	31.5
Petroleum[2]	3,753	64,845	17	6.1
Natural Gas [3]	5,467	436,991	80	41.0
Other Gas [4]	102	2,293	22	0.2
Nuclear	104	105,585	1,015	9.9
Hydroelectric [5]	3,993	77,354	19	7.2
Renewables [6]	1,671	23,553	14	2.2
Pumped Storage	150	19,569	130	1.8
Other[7]	45	928	21	0.1